



### **511RAA-BAAG Information**



For Reference Only

Part Number 511RAA-BAAG Manufacturer Silicon Labs

Category Crystals, Oscillators, Resonators

Programmable Oscillators

**Description** OSC PROG CMOS 1.8V EN/DS 50PPM

Package 6-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **511RAA-BAAG Specifications**

Manufacturer Part Number         511RAA-BAAG           Manufacturer         Silicon Labs           Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         Si511           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         125MHz ~ 169.999MHz           Function         Enable/Disable           Output         CMOS, Dual (In-Phase)           Voltage - Supply         ±50pm           Frequency Stability         ±50pm           Frequency Stability (Total)         ±100ppm           Operating Temperature         +40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         26mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.071" (1.80mm)		
Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         Si511           Type         XO (Standard)           Programmable Type         Programmed as Request           Available Frequency Range         125MHz ~ 169.999MHz           Function         Enable/Disable           Output         CMOS, Dual (In-Phase)           Voltage - Supply         1.8V           Frequency Stability         ±50ppm           Frequency Stability (Total)         ±100ppm           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         26mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.276" L x 0.197" W (7.00mm x 5.00mm)           Height         0.071" (1.80mm)	Manufacturer Part Number	511RAA-BAAG
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Type XO (Standard) Programmable Type Programmed as Request  Available Frequency Range 125MHz ~ 169.999MHz  Function Enable/Disable Output CMOS, Dual (In-Phase)  Voltage - Supply 1.8V  Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 26mA  Ratings - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 125MHz ~ 169.999MHz  Function Enable/Disable  Output CMOS, Dual (In-Phase)  Voltage - Supply 1.8V  Frequency Stability ±50ppm  Frequency Stability (Total) ±100ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -  Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.00000000000000000000000000000000000	Series	Si511
Available Frequency Range Function Enable/Disable Output CMOS, Dual (In-Phase) Voltage - Supply 1.8V Frequency Stability +50ppm Frequency Stability (Total)  Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.0276" L x 0.197" W (7.00mm x 5.00mm) Height	Type	XO (Standard)
Function Enable/Disable Output CMOS, Dual (In-Phase) Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 26mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000	Programmable Type	Programmed as Request
Output CMOS, Dual (In-Phase)  Voltage - Supply 1.8V  Frequency Stability ±50ppm  Frequency Stability (Total) ±100ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 26mA  Ratings -  Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.0071" (1.80mm)	Available Frequency Range	125MHz ~ 169.999MHz
Voltage - Supply1.8VFrequency Stability±50ppmFrequency Stability (Total)±100ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)26mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.071" (1.80mm)	Function	Enable/Disable
Frequency Stability (Total) ±100ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -  Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	Output	CMOS, Dual (In-Phase)
Frequency Stability (Total) ±100ppm  Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 26mA  Ratings -  Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	Voltage - Supply	1.8V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead  Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	Frequency Stability	±50ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)  Height 0.071" (1.80mm)	Frequency Stability (Total)	±100ppm
Current - Supply (Max)       26mA         Ratings       -         Mounting Type       Surface Mount         Package / Case       6-SMD, No Lead         Size / Dimension       0.276" L x 0.197" W (7.00mm x 5.00mm)         Height       0.071" (1.80mm)	Operating Temperature	-40°C ~ 85°C
Ratings Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.071" (1.80mm)	Current - Supply (Max)	26mA
Package / Case       6-SMD, No Lead         Size / Dimension       0.276" L x 0.197" W (7.00mm x 5.00mm)         Height       0.071" (1.80mm)	Ratings	-
Size / Dimension       0.276" L x 0.197" W (7.00mm x 5.00mm)         Height       0.071" (1.80mm)	Mounting Type	Surface Mount
Height 0.071" (1.80mm)	Package / Case	6-SMD, No Lead
	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.071" (1.80mm)
		Report errors?

#### **511RAA-BAAG Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# 511RAA-BAAG Payment Methods



















## **511RAA-BAAG Shipping Methods**













If you have any question about 511RAA-BAAG, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com